

Abstract

A method and apparatus for generating process heat and/or electrical energy for a machine used in the production and/or finishing of a web of fibrous material are provided. The fibrous material can be a paper web or paperboard web, and gas having a highest possible proportion of hydrogen is generated from the waste products resulting during the production and/or finishing of the web of fibrous material. This hydrogen-rich gas is used for generating the necessary process heat and/or the necessary electrical energy.